



Spring 2022 Flood Outlook for Iowa

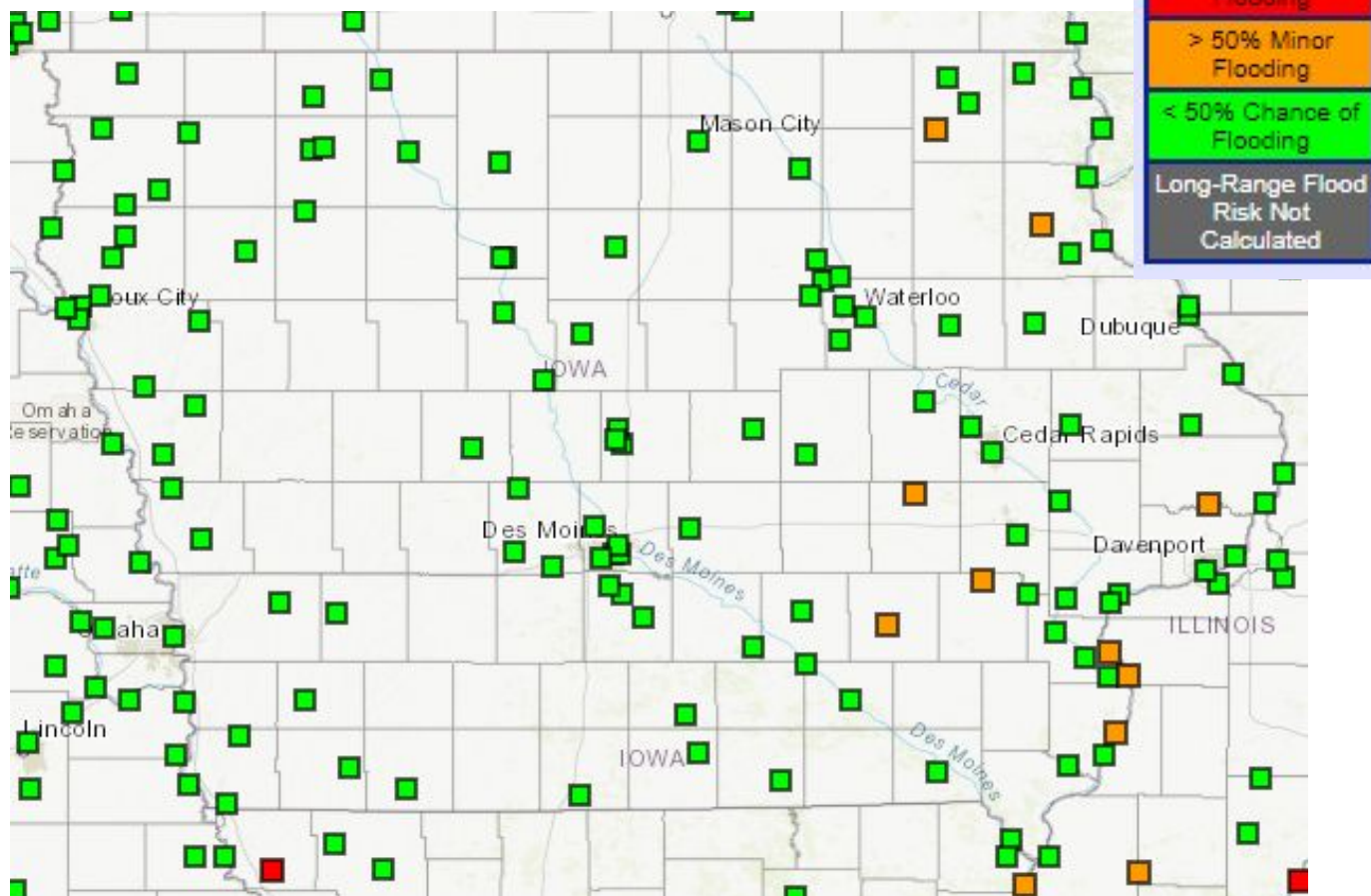
Key Messages

- Near to below normal spring flood threat for the state.
- Future weather—including amount, frequency and extent of precipitation as well as rate of snowmelt—can be big factors in any potential spring flood threat.

NEW

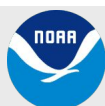
Important Forecast Changes

- First briefing for the spring flood threat.



Map showing flood risk from February through April

Next Update None scheduled at this time. The first spring flood outlook text product will be issued by NWS offices serving Iowa on February 10, 2022.





Spring 2022 Flood Outlook for Iowa

Spring Flood Element Checklist

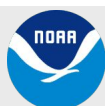
Below is the spring flood element checklist as of early February. Note that future weather—including amount and timing of precipitation as well as rate of snowmelt—can be a big factor in any spring flood threat. Heavy precipitation, rain on snow and a rapid snow melt will increase the risk. Little precipitation or a slow snow melt will lessen the risk.

Ice jams are also a risk this year as they are in many years.

Note: this is the threat assessment as of February 10, 2022.

Element	Impact on Potential Spring Flooding	Link to Image
River levels	Neutral; decreased risk western 1/3	USGS WaterWatch
Soil moisture	Neutral to decreased risk	CPC Soil Moisture Percentile
Snowpack/ liquid equivalent	Neutral; decreased risk western 1/3	Snow Water Equivalent Analysis
Frost depth	Neutral to increased risk	Frost Depth Map
Monthly temp outlook	Neutral	CPC Outlook
Monthly precip outlook	Neutral to increased risk	CPC Outlook

For your reference...the current [Drought Monitor](#) as well as the [Drought Outlook](#).





Spring 2022 Flood Outlook for Iowa

Where to Find More Details

Each NWS office serving Iowa provides its own spring flood outlook information for its own service area. Below are the websites for the NWS offices serving Iowa.

- NWS Des Moines: weather.gov/desmoines
- NWS Quad Cities, IA/IL: weather.gov/quadcities
- NWS Sioux Falls, SD: weather.gov/siouxfalls
- NWS Omaha, NE: weather.gov/omaha
- NWS La Crosse, WI: weather.gov/lacrosse

A series of three **spring flood outlooks** will be provided by each NWS office serving Iowa. Each outlook will be a text product, with possibly additional information. Below is the schedule for the outlooks. Refer to each office's Web page for further details.

- First outlook: February 10
- Second outlook: February 24
- Third outlook: March 10

For the latest river stage and forecast information, along with quantitative river flood outlook information, refer to the [NWS Advanced Hydrologic Prediction Service \(AHPS\) Web site](#).

